

Patent claims

1. A cushion for a vehicle seat, with a cushion core  
5 (11), particularly made of a foam material, and  
with an air-permeable and moisture-permeable  
covering layer (12) which covers said core, and  
with longitudinal grooves (16) which extend in the  
10 the cushion, are spaced apart from one another and  
are open toward the covering layer (12),  
characterized in that the cushion core (11) is  
provided with transverse grooves (17) which extend  
transversely with respect to the longitudinal  
15 grooves (16), are open toward the covering layer  
(12), are spaced apart from one another and  
intersect the longitudinal grooves (16), and with  
channels (18) which pass through the entire  
thickness of the cushion core (11) and which, at  
20 one end, open out into the longitudinal and  
transverse grooves (16, 17) and, at the other end,  
open out freely on the outer face of the cushion  
core (11) directed away from these grooves.
- 25 2. The cushion as claimed in claim 1, characterized  
in that the mouths of the channels (18) lie in the  
intersection areas of the longitudinal and  
transverse grooves (16, 17).
- 30 3. The cushion as claimed in claim 1 or 2,  
characterized in that the covering layer (12)  
comprises a support (13), made of reticulated  
foam, and an air-permeable lining (14) stretching  
across the support (13).
- 35 4. The cushion as claimed in one of claims 1-3,  
characterized in that a fan (20) for impacting a  
central area of the cushion core with air is  
arranged outside said cushion core (11) and at a

distance from it.

5. The cushion as claimed in one of claims 1-3, characterized in that at least one shaft (21) passing completely through the core thickness is formed in the cushion core (11), said shaft (21) opening out into at least one of the longitudinal and/or transverse grooves (16, 17) and being open on the outer face of the cushion core (11) directed away from said longitudinal and transverse grooves (16, 17), and in that a miniature fan (22), which sucks air in from the area surrounding the cushion, is arranged in the at least one shaft (21).
6. A vehicle seat as claimed in claim 5, characterized in that the mouth of the at least one shaft (21) is positioned in the intersection area of a longitudinal groove and transverse groove (16, 17).